AUTHOR INDEX

Atkins, E. D. T., 69
Barnoud, F., 197
Bittiger, H., 45
Borch, J., 153
Cantor, P. A., 225
Gagnaire, D., 27
Goring, D. A. I., 103
Haskell, V. C., 289
Hopfenberg, H. B., 243
Husemann, E., 45
Joedodibroto, R., 277
Jurbergs, K. A., 169
Kimura, F., 243
Klein, E., 209
Kuppel, A., 45
Lai, Y.-Z., 15
Luner, P., 115
Marchessault, R. H., 153, 317
Marx-Figini, M., 57
Mechalas, B. J., 225
Merle, J. P., 197
Mühlethaler, K., 305
Neal, J. L., 103
Odier, L., 27
Parker, K. D., 69
Procter, A. R., 1
Rånby, B., 277
Rees, D. A., 261
Rigney, P. T., 243
Rinaudo, M., 197
Rudall, K. M., 83
Ruland, W., 143
Sandell, M., 115
Sarkanen, K. V., 15
Sarko, A., 317
Schuerch, C., 187
Smith, J. K., 209
Stannett, V., 243
Steele, I. W., 261
Vincendon, M., 27
Wiekenkamp, R. H., 1
Williamson, F. B., 261
Zachoval, J., 187

SUBJECT INDEX

Alcohols, primary, secondary, tertiary, xanthates of, 277
Amylose, alkaline degradation of, 15
1,2-Anhydro-3,4,6-tri-O-acetyl-α-D-glucopyranose, catalyzed polymerization of, 187
Cellulose, biosynthesis of, 57
interaction of with liquid water, 103
light scattering by, 153
stabilization of, 1
wetting of, 115
Cellulose fibers, carbonized, 143
Chitin, 83
Coefficients, rejection, 209
Degradation, alkaline, 1
biological, 225
by novel end unit modifications, 1
enzymatic, 197
Desalination, 243
Fibers, cellulosic, 197
Fibril formation, 45
Films, native cellulose, 153
Hemicelluloses, wood, 115
Homologs, oligomer, 27
Membranes, cellulose acetate reverse-osmosis, 225
grafted, 243
Polysaccharide sulfates, stereochemistry and properties of, 261
Polysaccharide systems, fine structure of, 305
Polysaccharides, conformational analysis of, 261
Permeabilities, diffusive, 209
Pine cellulose, micro void system in, 169
Regenerated cellulose film, simulation of the gel structure of, 289
Reverse osmosis, 209
supermolecular structure of, 317
Thermal expansion, 103
Xanthates, decomposition mechanisms of, 277
β-D-1,3-Xylan, helical structure of, 69